Lab Work 1

Objectives: This lab work aims to understanding C++ Environment, Comments and output statements

Example:

The Following is a sample C++ Program:

```
#include<iostream.h>
void main()
{
        cout<<"Welcome to C++ programming.";
}
```

Comments:
```
//This is a C++ program.
//Welcome to C++ programming.

/*
   You can include comments that can
 occupy several lines.
*/
```

Output Statements:
1. Commonly used Escape sequences

	Escape sequences	Description
\n	Newline	Cursor moves to the beginning of the next line
\t	Tab	Cursor moves to the next tab stop

2. New line by using (endl)
```
cout<<endl ;
```
3. Print any Text or messages:
```
cout<<"\n Welcome";
cout<<" to C++";
cout<<"***********";
cout<<"\n Welcome \n to \n\n C++! \n";
cout<<"\t Welcom \t to \t C++ \n" ;
cout<<"Ahmad"<<endl;
cout<<"657";
cout<<endl;
```

```
cout<<"lab509\n";
cout<<"2+5";
cout<<endl<<"Enter your name";
cout<<"\nEnter integer number";
```

Q1: Write a program that output the following:

```
      9
      18
      128

***************
A      B      C
       D
E      F      G
```

Home Work:

Q2: Write a program that produces the following output:

```
*****************************************
*             Programming Assignment   1        *
*             Computer Programming  1           *
*                   Author:  ???                *
*             Due Date: Thursday,   Jan.   24   *
*****************************************
```

Q3: Write a program that produces the following output:

```
CCCCCCCCC      ++              ++
CC                 ++              ++
CC            ++++++++++  ++++++++++
CC            ++++++++++  ++++++++++
CC                 ++              ++
CCCCCCCCC       ++             ++
```